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Page 2 of Form 3160-5 - Sundry Notices and Reports on Wells SOUTH CORBIN FEDERAL NO. 1

4-27-86 Logging all night to 11:00 A.M. this date. Logger's TD - 11,354'. Finished running Cmt. Bond Log. RU lubricators and perforated as follows:

10,886', 10,887', 10,890', 10,894', 10,897', 10,898' - Run #3;
10,901', 10,906', 10,911', 10,912', 10,914', 10,915', 10,916' - Run #2;
10,917', 10,918', 10,919', 10,920', 10,921', 10,922', 10,923', 10,924',
10,925', 10,926', 10,927', 10,928', 10,929', 10,930', 10,931', 10,932' -
Run #1.

RD loggers and TIH with RTTS to 10,943'. Spotted with 3 bbls. 3% MCA. Layed dn. 6 jts. and set RTTS @ 10,724' with tail pipe at 10,749'. Break dn. with 3900 PSI. Completed acid job as follows:

Total acid pumped	5,000 gals.
Total N2 pumped	50,000 SCF
dropped 80 ball sealers - well did not ball off	

Average Fluid pump rate -	2.2 BPM
Average N2 rate -	.7 BPM
Combined rate N2 & fluid -	2.9 BPM
Max. rate	3.4 BPM

Average pressure -	5,000 PSI
Maximum pressure -	5,500 PSI
Shut in Pressure -	4,900 PSI

5 min. @ 4600 PSI, 10 min. @ 4500 PSI, 15 min. @ 4400 PSI.
162 bbls. treating fluid to recover. Flowing well back to frac tank.
SDFN.

5-1-86 RU loggers and logged. TIH & set CIBP @ 10,764'. Put 35 sacks cmt. on top of BP. SDFN.

5-2-86 RU Lubricator. TIH to perforate as follows: 1 JSPF 10,559', 10,560', 10,562.5', 10,563.5', 10,565', 10,571', 10,572', 10,578' and 10,579'. TOH w/perforating guns, all guns fired okay. RD loggers. PU RTTS and TIH to 10,582'. Spotted acid at 10,582'. Layed down five (5) joints. Set RTTS packer at 10,406'. Tailpipe at 10,439'. Perforation broke down with 2,500 psi. Completed acid job as follows: 68 Bbls. of 15% MCA. Dropped 25 ball sealers, well did not ball off. Flushed with 63 bbls. 2% KCL water. Average rate 2.6 bbls./min. Maximum rate 5 bbls./minute. Average 4,745 psi. Maximum 6,000 psi. ISIP 2800. 2 minutes well on vacuum.

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